Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 13 May 2021 until 23:59 on Friday 14 May 2021

Forecast Issued on Wednesday 12 May 2021 at 14:39

Confidence: High for the generally unsettled setup, but lower for details of location and timing of rain and showers

Headline for Thursday 13 May 2021: A showery day, heavy at times, with some sunny spells possible.

Mountain weather hazards on Thursday 13 May 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Cloudy	Heavy rain showers	Heavy rain showers	Light rain showers	Cloudy
Precipitation probability							
10%	<05%	10%	20%	40%	50%	40%	20%

Forecast for Thursday 13 May 2021

Weather: Some thicker cloud overnight, although bases generally above the hilltops, perhaps with some light rain skirting the southern edge of the Park. However cloud breaking during the morning to give showers, heavy and perhaps thundery at times, with some sunny spells possible. Showers only gradually easing during the evening. Low cloud will move into eastern areas of the Park later in the evening.

Chance of cloud free mountain/hill tops above 600m: 90%, with cloud bases largely above the hilltops except perhaps in the heaviest showers. Becoming 20% in the east of the Park towards midnight as low cloud moves in with bases down to 400-500m.

Visibility: Generally good, with clear views of distant hills. Becoming poor in heavier showers, with nearby hills temporarily obscured. Very poor in low cloud covering hills later.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 13 May 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/12 E	10/14 E	12/16 NE	14/19 NE	14/20 E	12/17 NE	11/16 NE	13/18 E	12/17 NE
300	4/6 NE	6/11 NE	8/13 NE	11/16 NE	13/19 NE	9/14 NE	8/14 NE	8/14 NE	9/15 NE
Valley	6/12 NE	7/15 E	9/19 NE	9/17 NE	10/18 NE	6/12 NE	7/15 NE	7/16 NE	8/17 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/5	6/3	6/2	7/4	9/6	9/7	8/5	6/2	4/-0
300	9/8	8/7	8/6	10/8	12/9	12/10	11/9	8/6	6/3
Valley	9/7	8/7	9/7	11/9	13/11	13/12	12/10	9/7	7/4
Freezing Level*	1400m	1400m	1400m	1400m	1500m	1600m	1500m	1400m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A day for layers, with some strong sunshine in any sunny spells, but feeling chilly in heavy showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 12 May 2021	N/A	N/A	N/A

Forecast for Friday 14 May 2021

Weather: Low cloud will affect much of the Park, but especially eastern areas, during the early hours. This will slowly burn back to the east coast during the morning, allowing some sunny spells, but also some isolated showers. The showers should be lighter and more isolated than on Thursday.

Maximum wind: Northeasterly 10-15 mph, becoming light and variable.

Chance of cloud free mountain/hill tops above 600m: 20% at first with low cloud bases 400-500m, especially in the east of the Park. Becoming 90% during the morning, with cloud bases perhaps touching the summits in any isolated showers.

Visibility: Often poor or very poor to start in low cloud covering the hills, with nearby landmarks obscured. Becoming generally good with distant hills visible, but moderate at times in any showers.

Temperature: **Valleys:** Plus 5C becoming plus 14C
At 600m: Plus 4C becoming plus 7C
Freezing level: Above summits.

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